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AAGGGAGCTTGGGTAGGGGCCAGGCTAGCCTGAGTGCACCCAGATGCCCTTCTGTCAGCT 60  
 CTCCCTAGTGGTTCAACCACTGCCTCCCTGCCTACTTTTGGTCCAGCTCAGGGAT 120  
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1 ATGGCCAGTACAGAGTCTCCCTGTGAGATCCCTAGGCCCTCAGCCCAGTCTTGGCAGC 240  
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 21 S E V E L D C W F D E D F R F I L L P V  
 121 AGCTATGCAGTTGTCTTGTGCTGGGCTTGGGCCCTAACGCCCCAACCTATGGCTCTC 360  
 41 S Y A V V F V L G L G L N A P T L W L F  
 181 ATCTTCCGCTCCGACCCCTGGGATGCAACGGCCACCTACATGTTCCACCTGGCATTTGCA 420  
 61 I F R L R P W D A T A T Y V F H A A S  
 241 GACACCTGTATGTGCTGTGCTGCCACCTCATCTACTATTATGCAGCCACACCCAC 480  
 81 D T L Y V L S E P T L F V V A A H N H  
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 101 W P F G T E I C K F V R F L F V W N F  
 361 TGCAGTGTCTTCCCTCACCTGCATCAGCGTGCACCGCTACCTGGGCATCTGCCACCCA 500  
 121 S Y L F L T C L S V H R Y L G I C H P  
 421 CTTCGGCACTACGCTGGGCGCGCCCTCGCCCTGCAGGCCCTCTCTGCTGGCAGTTGG 560  
 141 L R A L R W G R P R L A G L L C L A Y W  
 481 TTGGTCGTAGCCGGCTGCCCTCGTGGCCCAACCTGTCTTTGTCAACACAGCAACAAGGG 720  
 161 L V V A G C L V P N L F F V T T S N R G  
 541 ACCACCTCTGTGCCATGACACCACTCGGCCCTGAAGAGTTTGACCACTATGTGCACCTC 780  
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 241 L R S L R T I A V V L T V F A V C F V P  
 781 TTCCACATCAGCCGACCATTTACTACCTGGCCAGGCTGTGGAGCTGACTGCCGAGTA 1020  
 261 F H T R T I V V L A R L L E A D C R V  
 841 CTGAACATTGTCAACGTGGTCTATAAAGTGACTCGGCCCTGGCCAGTGCACACAGCTGC 1080  
 281 L N I V N V V Y K V T R P L A S A N S C  
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 361 R A D R L  
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 TCTGGAGAGAAGCCCTCACCCCTGAGGGTTGCCAGGGAGGCAGGGATATC 1429

FIG. 1

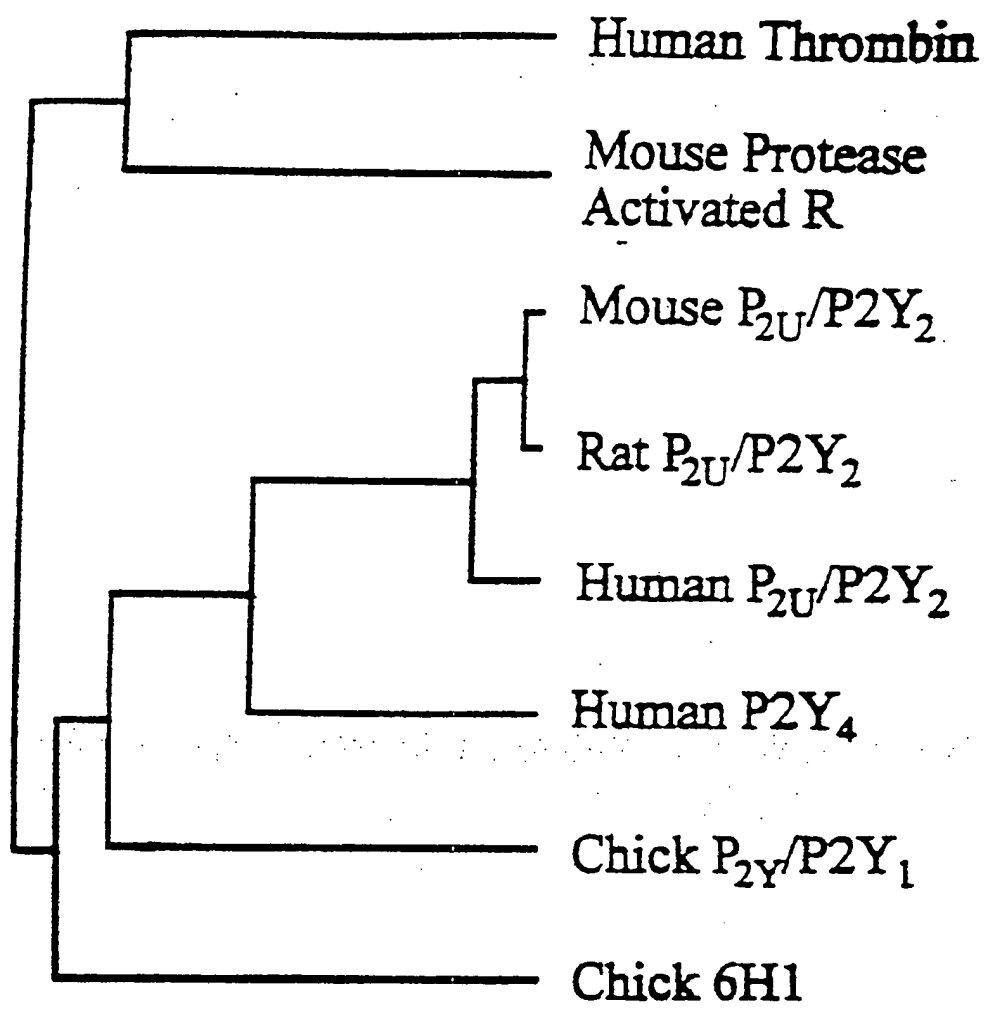


FIG.2

## Expression of P2Y<sub>4</sub> receptors

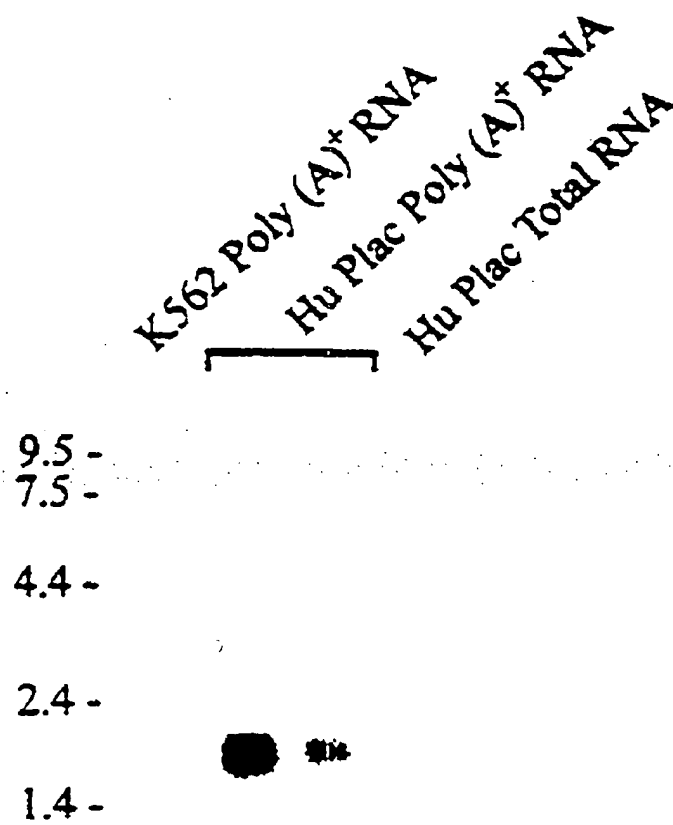


FIG. 3

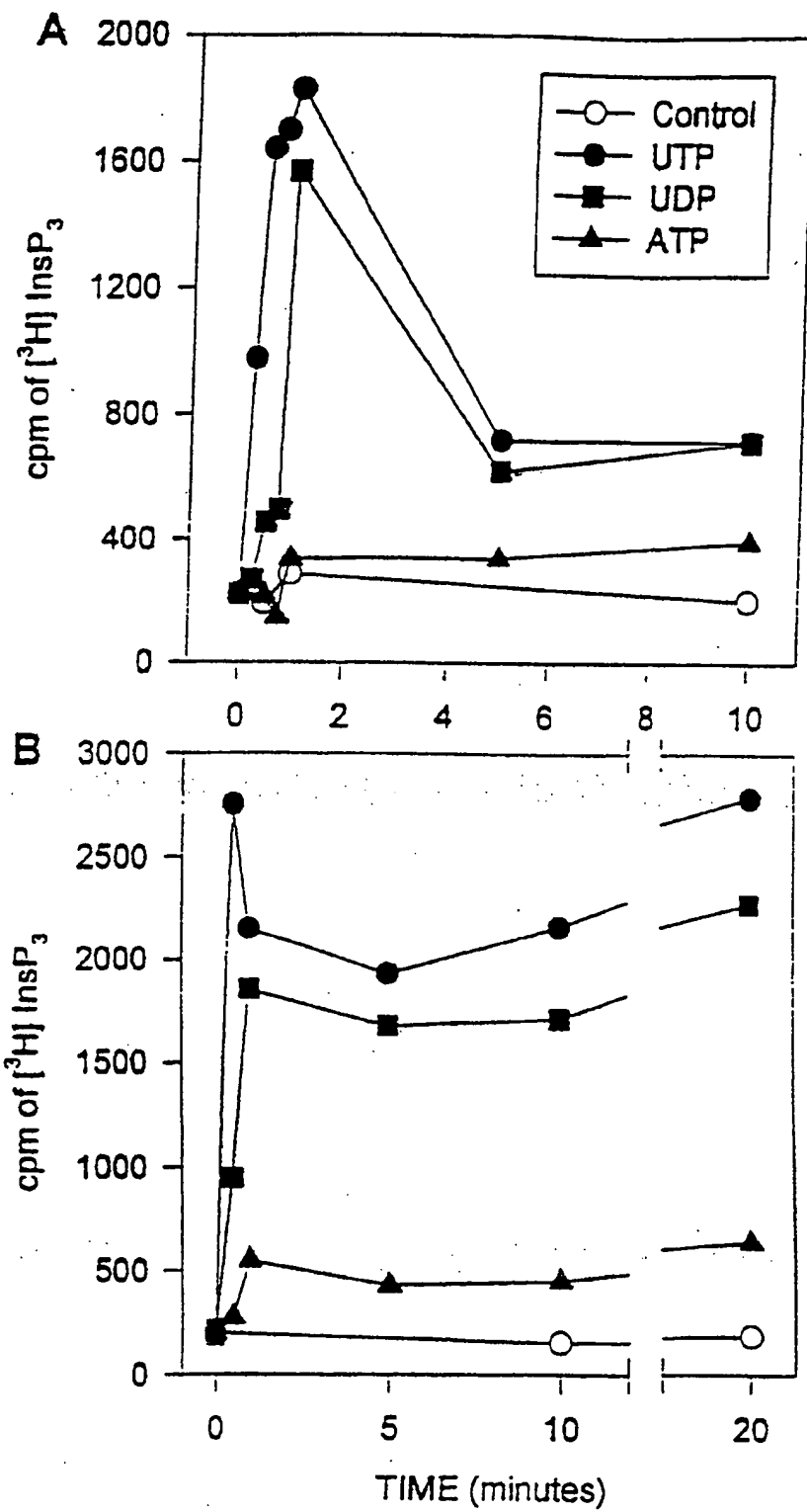


Fig. 4

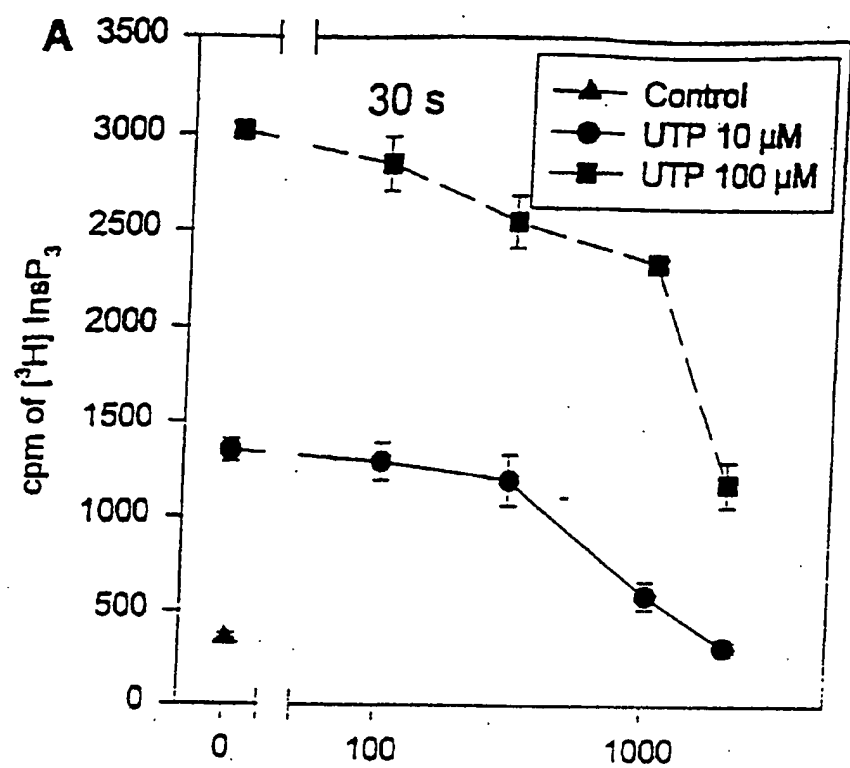


Fig. 5  
Panel A

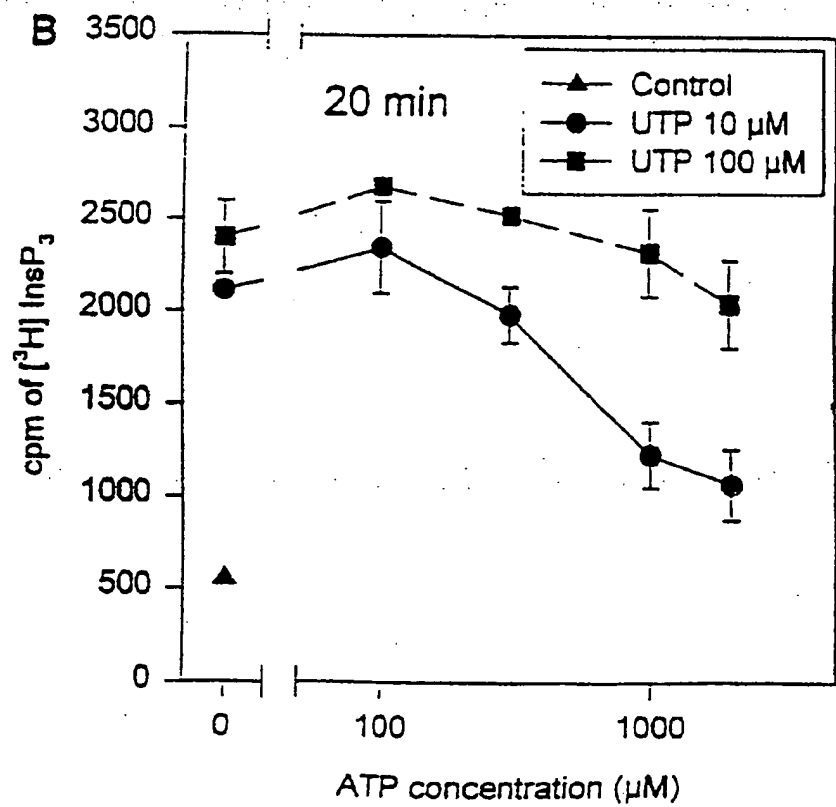


Fig. 5  
Panel B

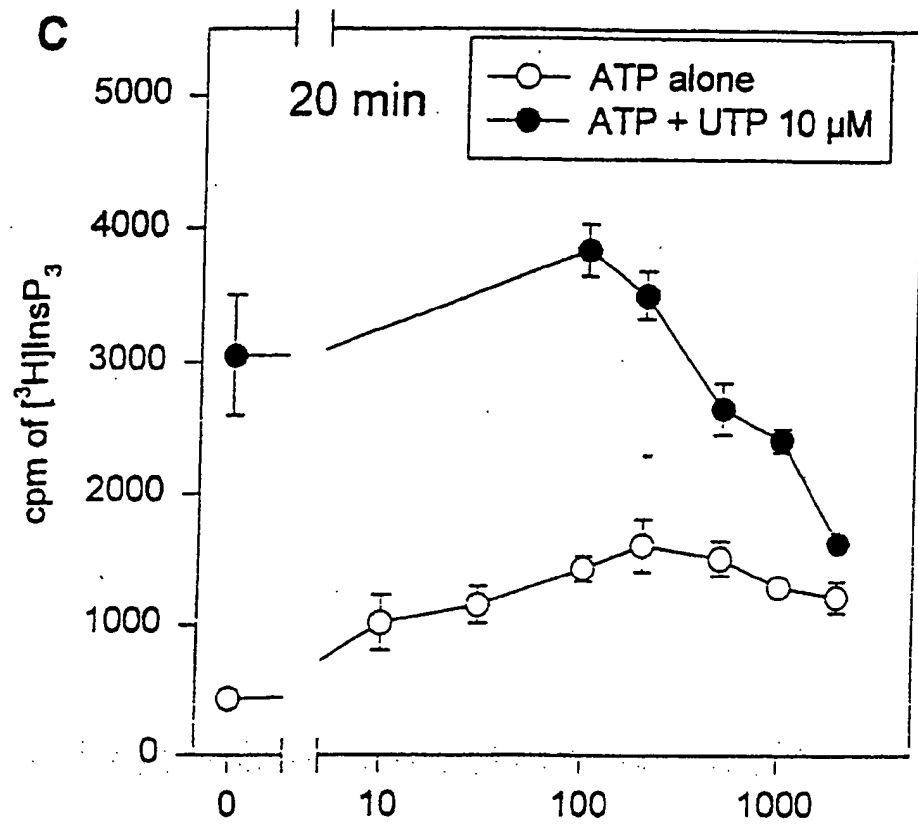


Fig. 5

Panel C.

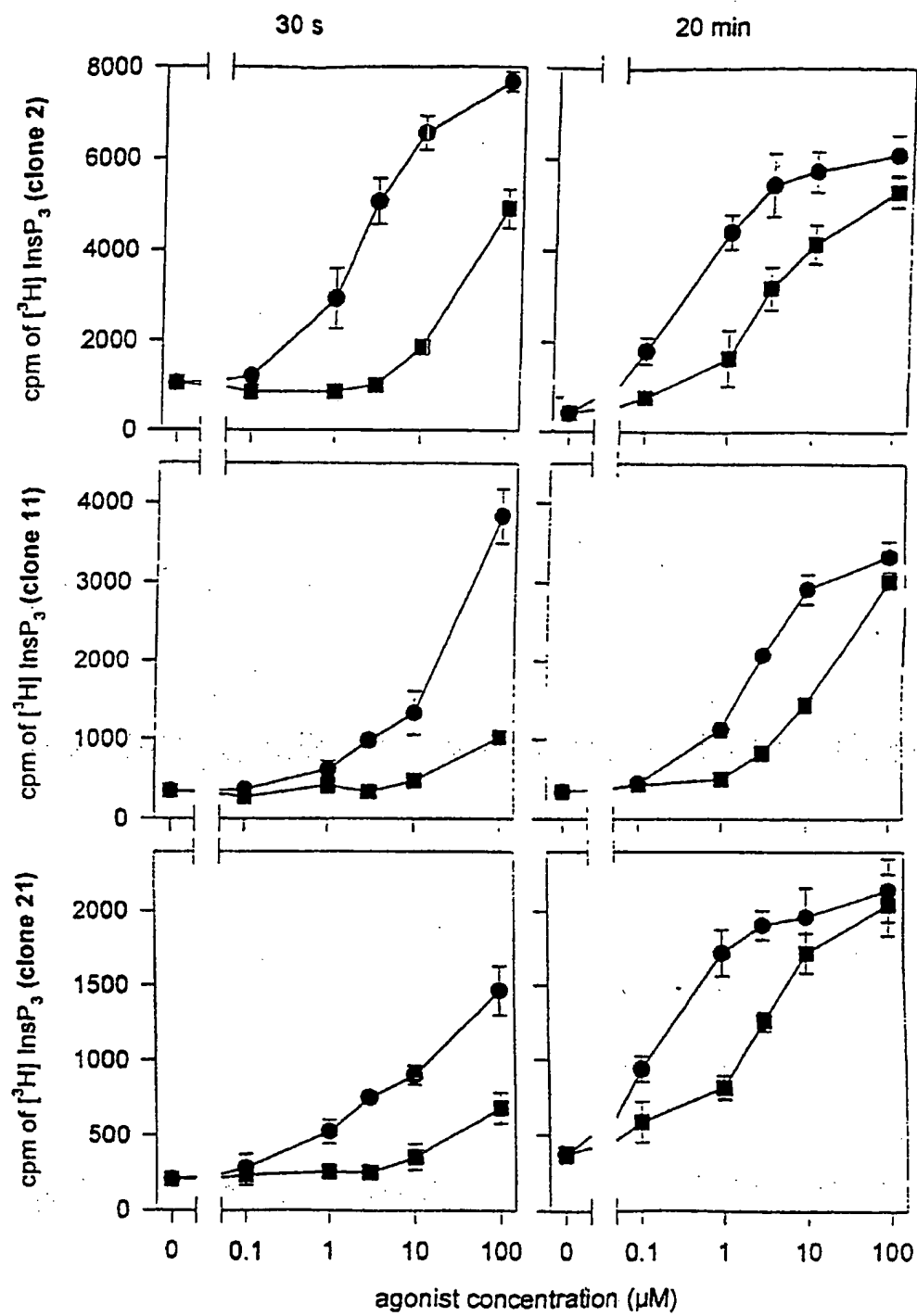


Fig.6



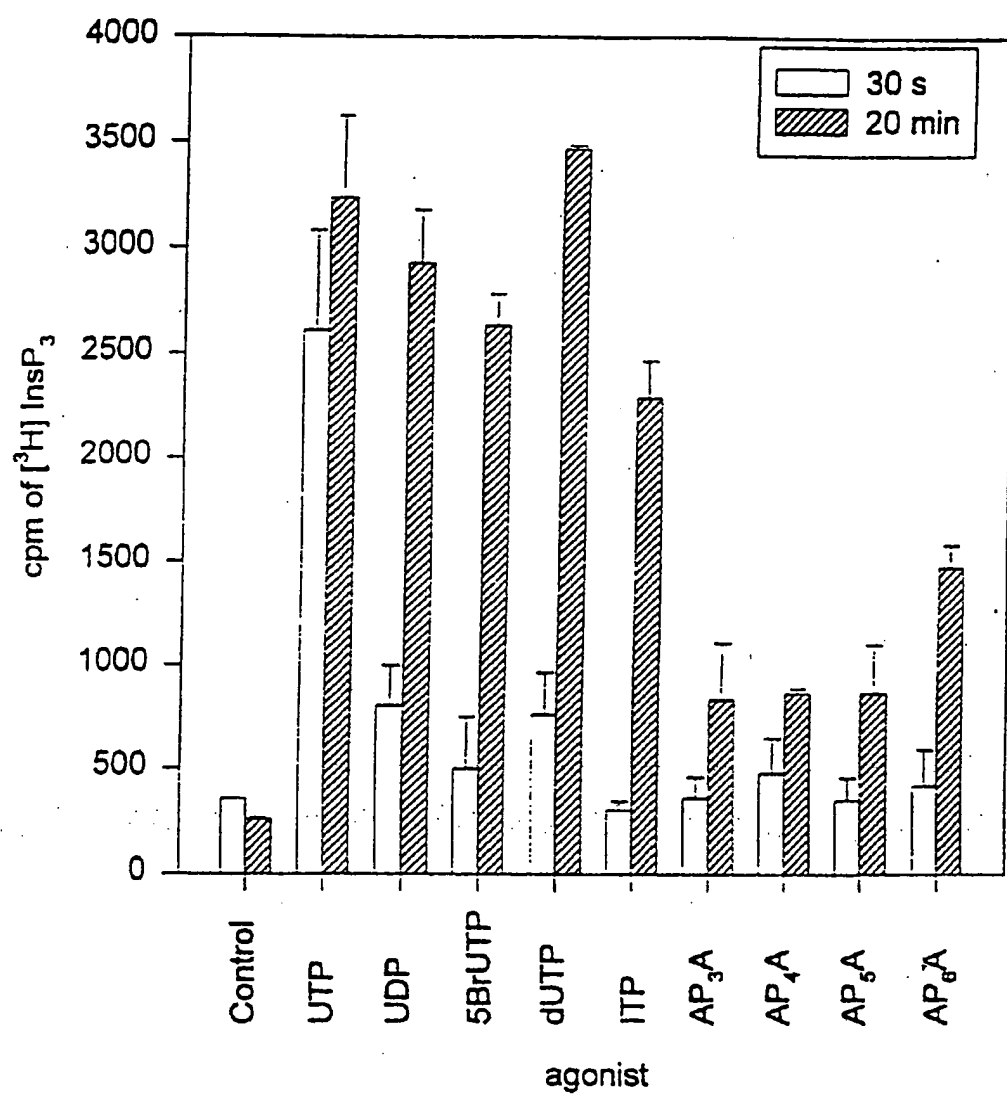


Fig. 7

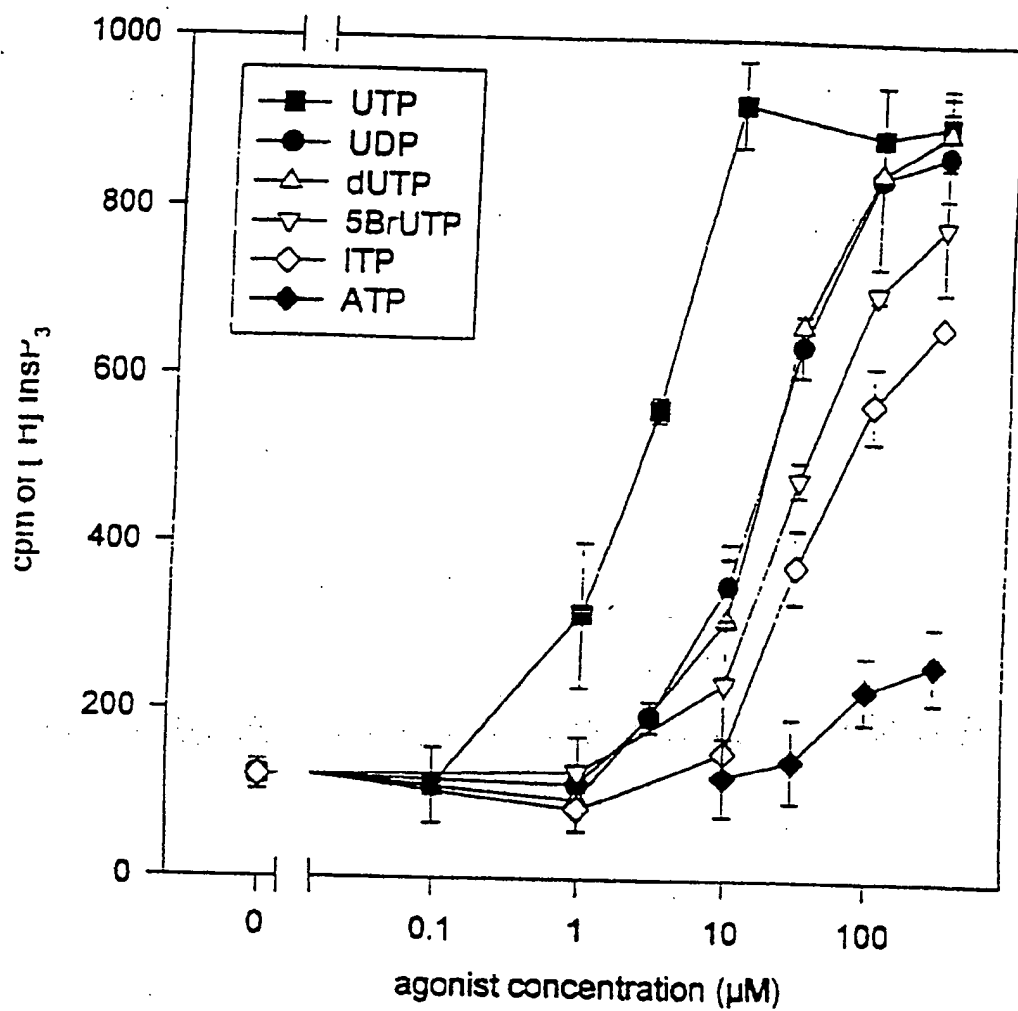


Fig.8

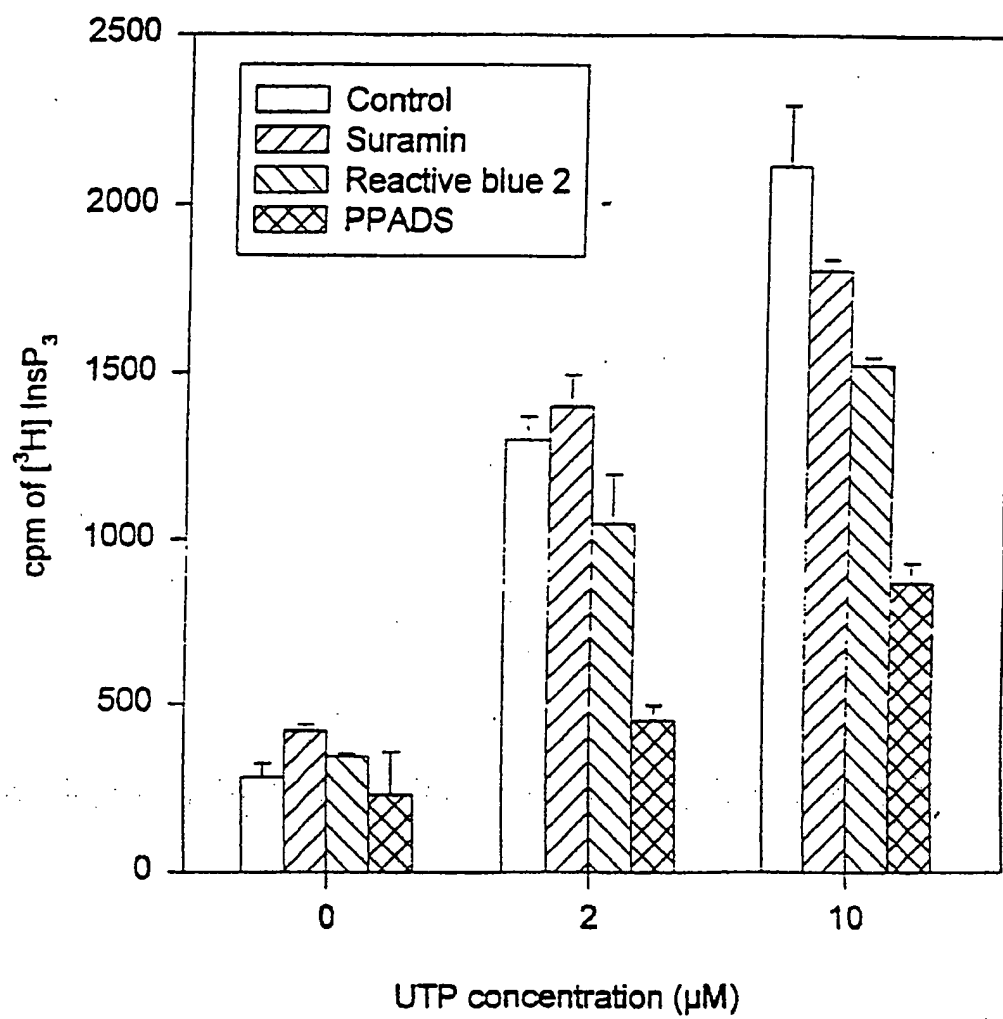


Fig. 9

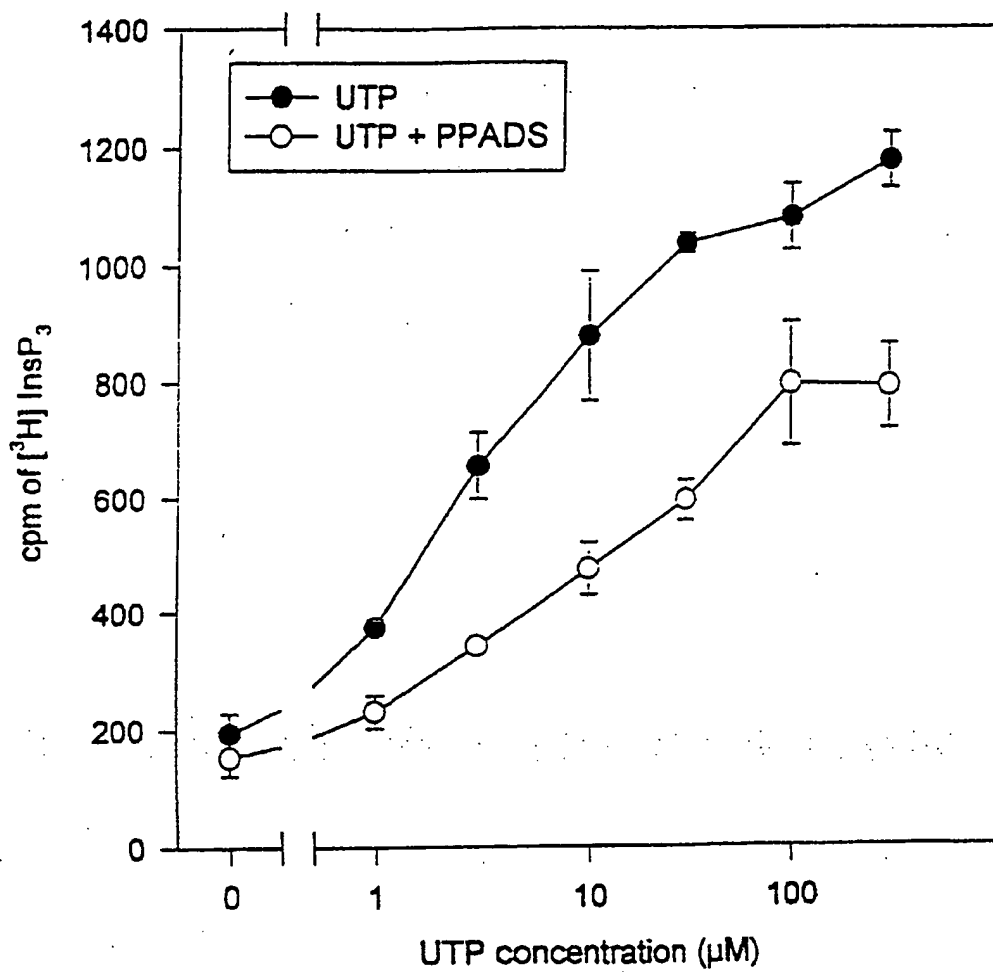


Fig. 10

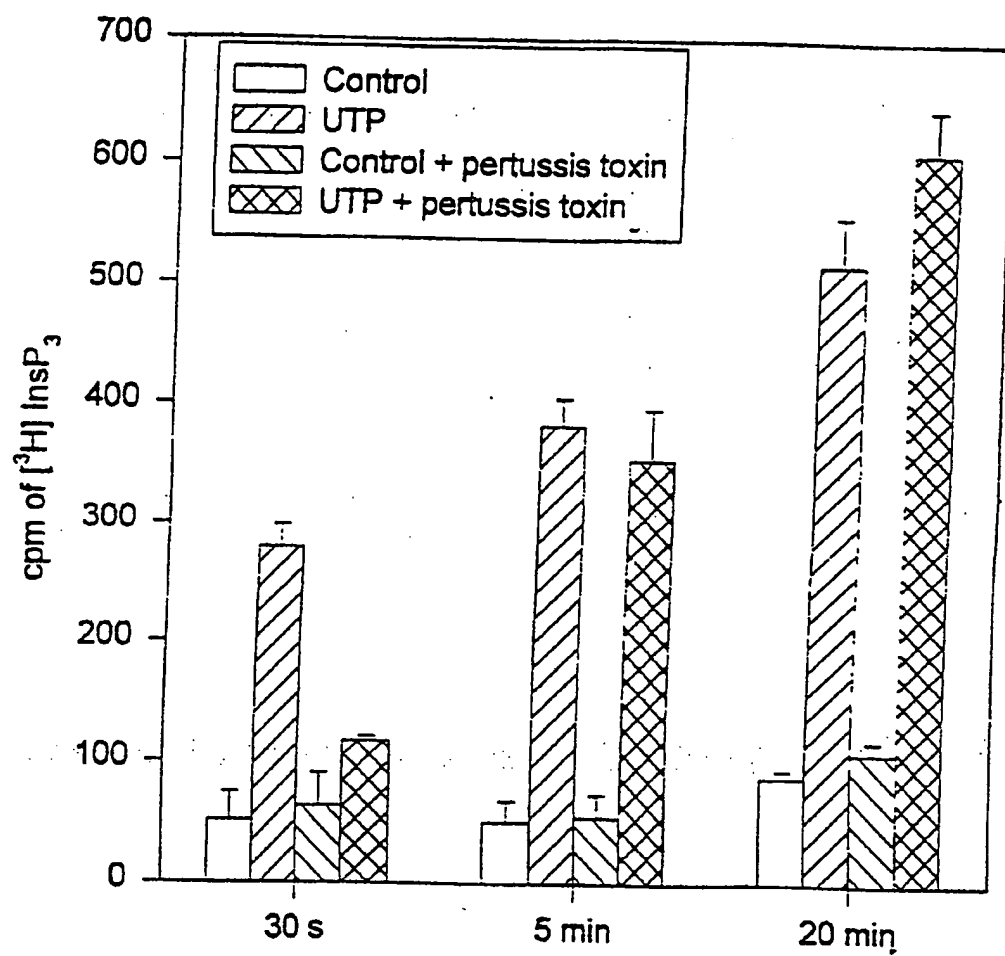


Fig. 11